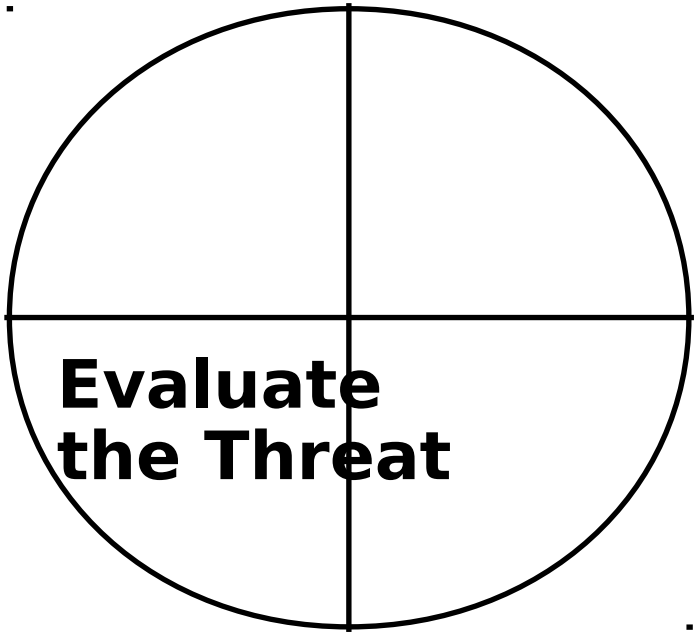
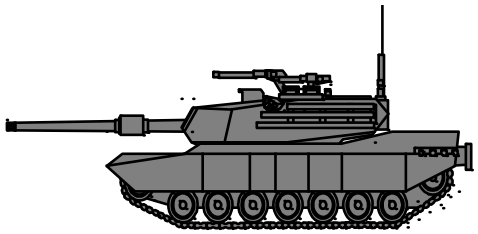
IPB

Step Three



Order of Battle Factors
High Value Targets
Doctrinal Templates

Think Red!

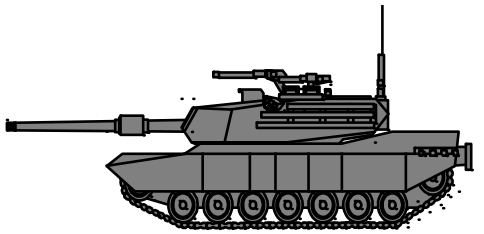


ENABLING LEARNING OBJ

- ACTION: DEFINE AND APPLY STEPS 3 + 4 OF THE IPB PROCESS
- CONDITION: FM 34-130, NOTETAKING GUIDE
- STANDARD: IAW FM 34-130, ACHIEVE 75% ON EXAM

ADMINISTRATIVE INFORMATION

- RISK: LOW
- SAFETY CONSIDERATIONS: NONE
- ENVIRONMENTAL CONSIDERATIONS: NONE
- UNCLASSIFIED



OB Factors

*Composition

*Disposition

*Strength

*Tactics

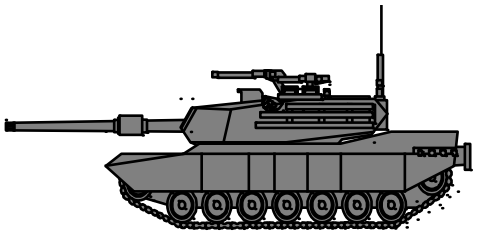
*Training

*Logistics

*Combat Effectiveness

*Tech Data

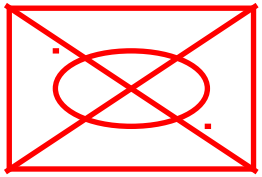
*Misc. Data



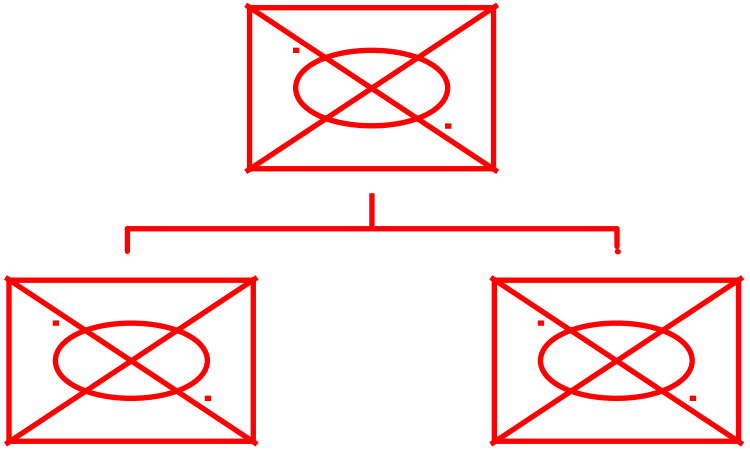
Composition

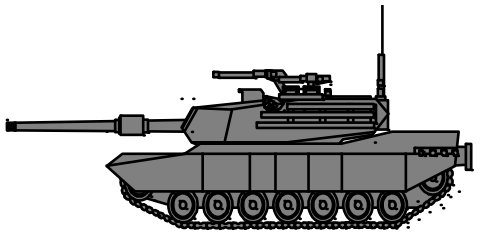
Order of Battle

Unit Identification



Organization





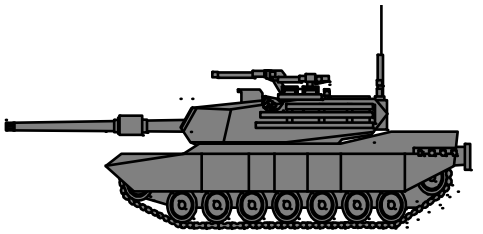
Disposition

Includes:

*Location

*Movement

*Tactical deployment



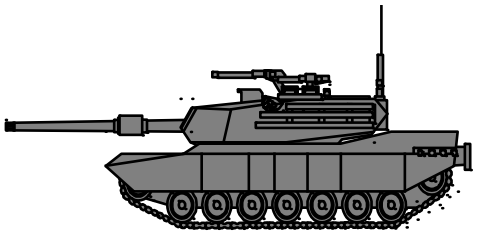
Strength

Includes:

*Personnel

*Equipment

*Weapon systems



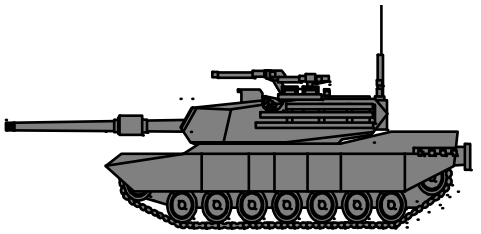
Tactics

Will the enemy...

*Doctrine

*Previous Actions

*Patterns

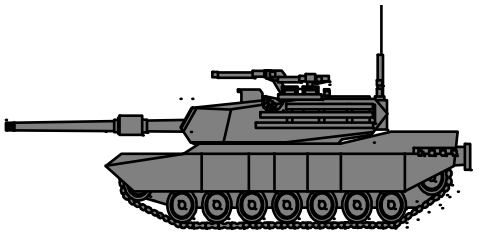


Training Status

*Individual

*Collective

*Special



Logistics

*Current status

*Rate of resupply

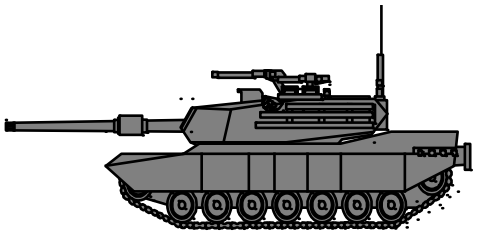
*Requirements

*Procurements

*Distribution

*Transportation

*Maintenance



Combat Effectiveness

Influenced by:

*Personnel Strength

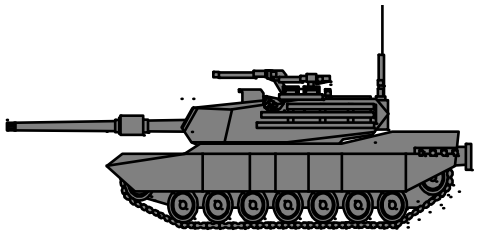
*Morale

*Experience (Past Perf)

*"Home Turf"

*Leadership

*Other OB Factors...



Tech Data

Weapons Ranges

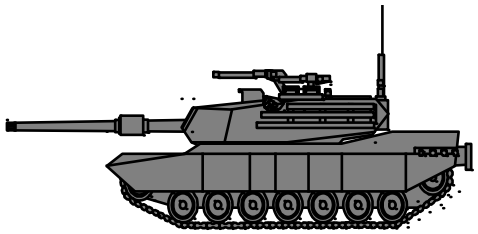
Ammunition Characteristics

Range of Vehicles

Electronic OB used by SIGINT Collectors Includes:

*Communications emitters

*Non-Comm emitters



Misc. Data

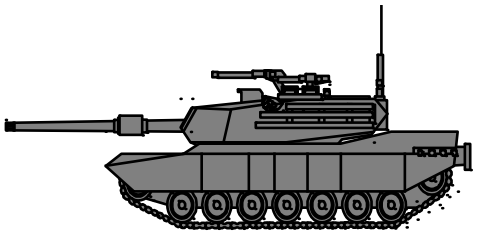
Other useful information may include:

*Code names

*Unit history

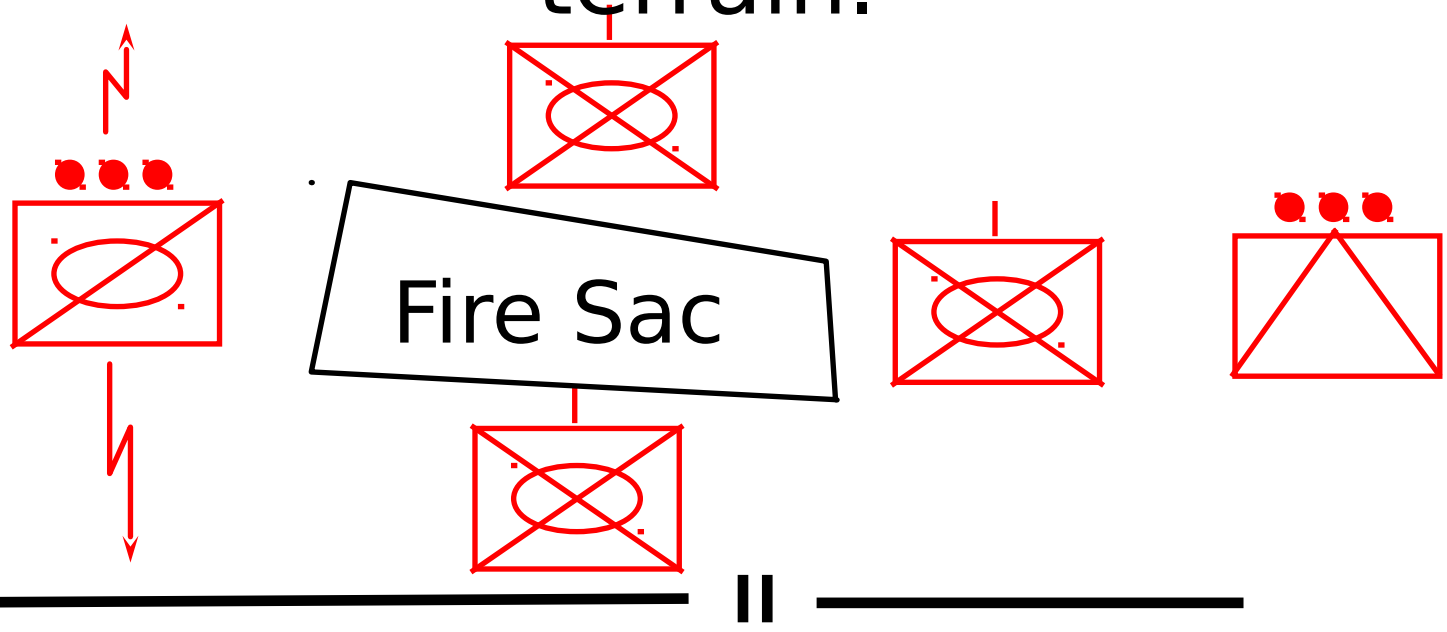
*Uniforms

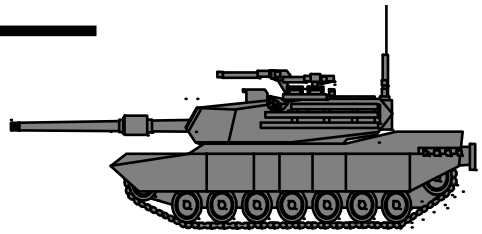
*Personalities



Doctrinal Templates

Depicts how the enemy would like to fight if not restricted by terrain.

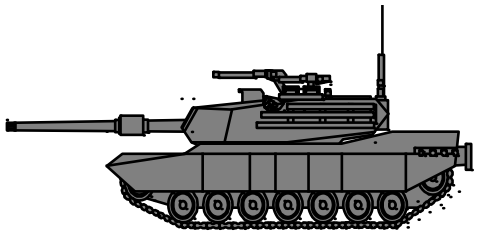




Doctrinal Templates

Include at a Minimum:

* Normal organization for combat
* Typical supporting elements available from higher
* Frontages, depths, and boundaries
* Engagement areas, objective depths
* Weapon Range Fans



Doctrinal Templates

Examples include:

*Movement to contact

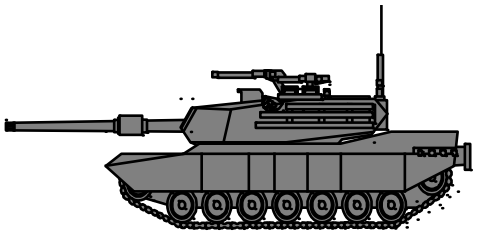
*Breakthrough

*Pursuit

*Defense

*Retrograde

*River crossings



Doctrinal Templates

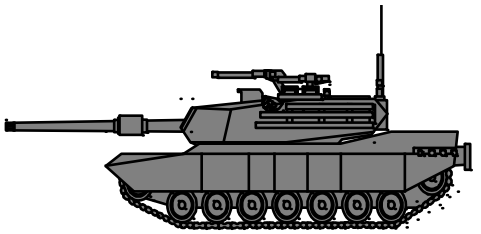
Help you:

*Confirm suspected enemy locations

*ID gaps in OB holdings

*Determine boundaries

*ID doctrinal deviations

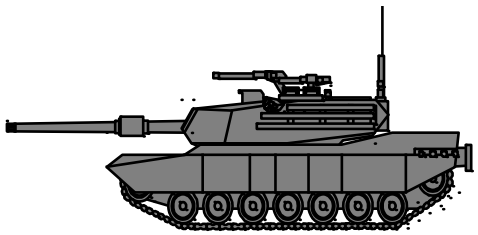


High Value Targets

Assets that the *enemy commander* requires for the successful completion of *his* mission.

Don’t confuse with High Payoff Targets:

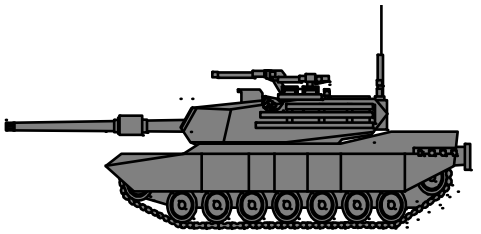
Assets whose loss to the threat will contribute to friendly forces’ success



Step 3: Evaluate the Threat

Desired End Effect

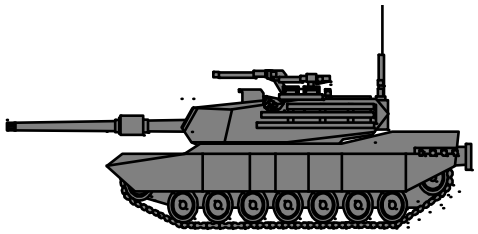
KNOW THE ENEMY!



Step 3: Evaluate the Threat

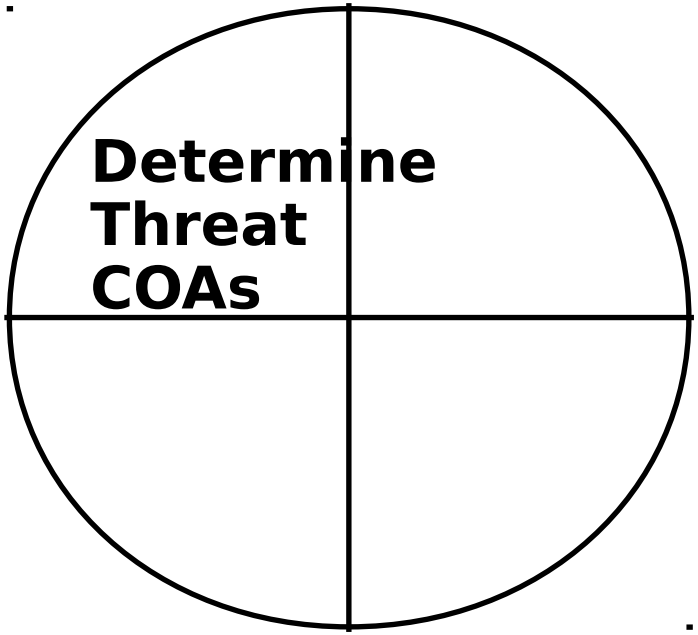
Products Produced

- Threat models:
  - Doctrinal template
  - Identification of HVTs by type
  - Description of preferred tactic options

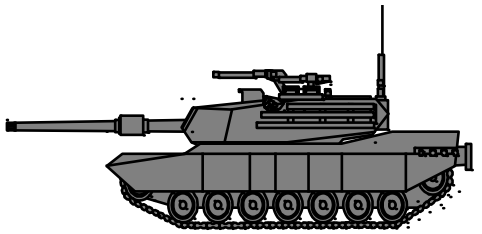


IPB

Step 4

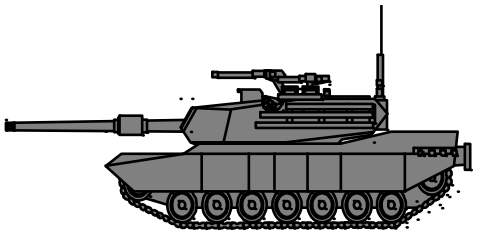


Situation Template
Event Template
Event Matrix



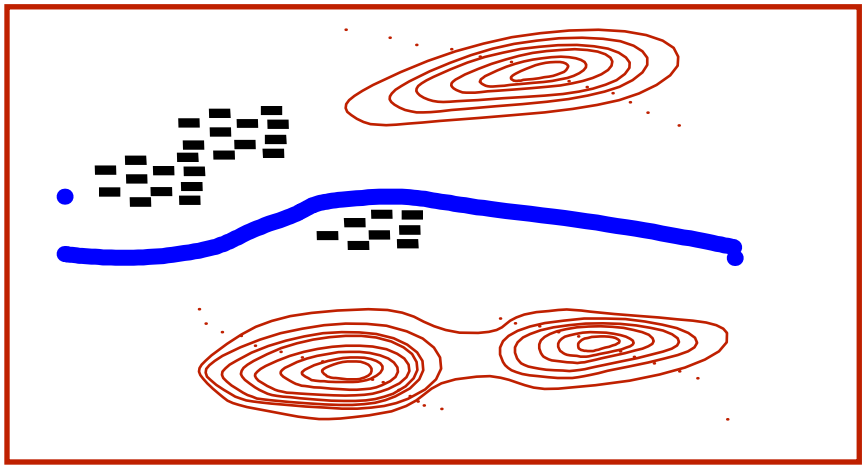
Situation Template

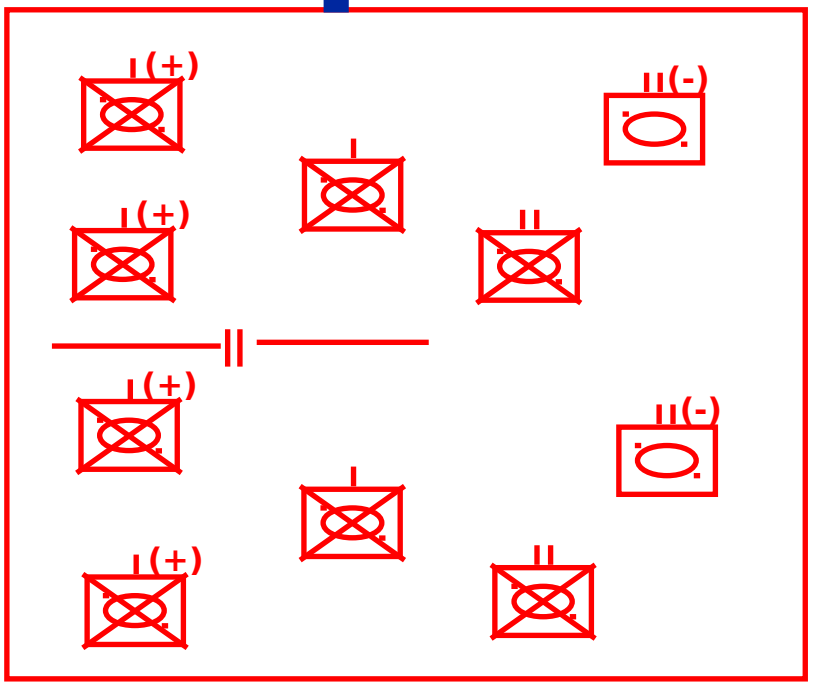
Depicts how the enemy might deploy and operate within the constraints imposed by the weather and terrain

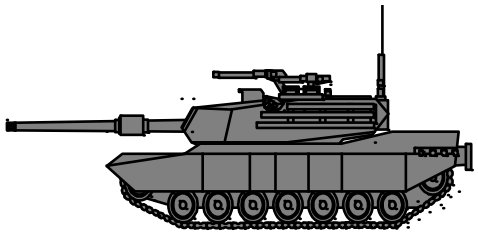


Situation Template

MCOO
+
Doctrinal
Template







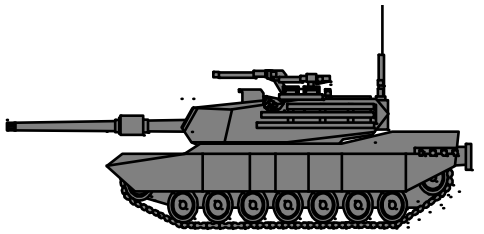
Situation Template

Consider at a minimum:

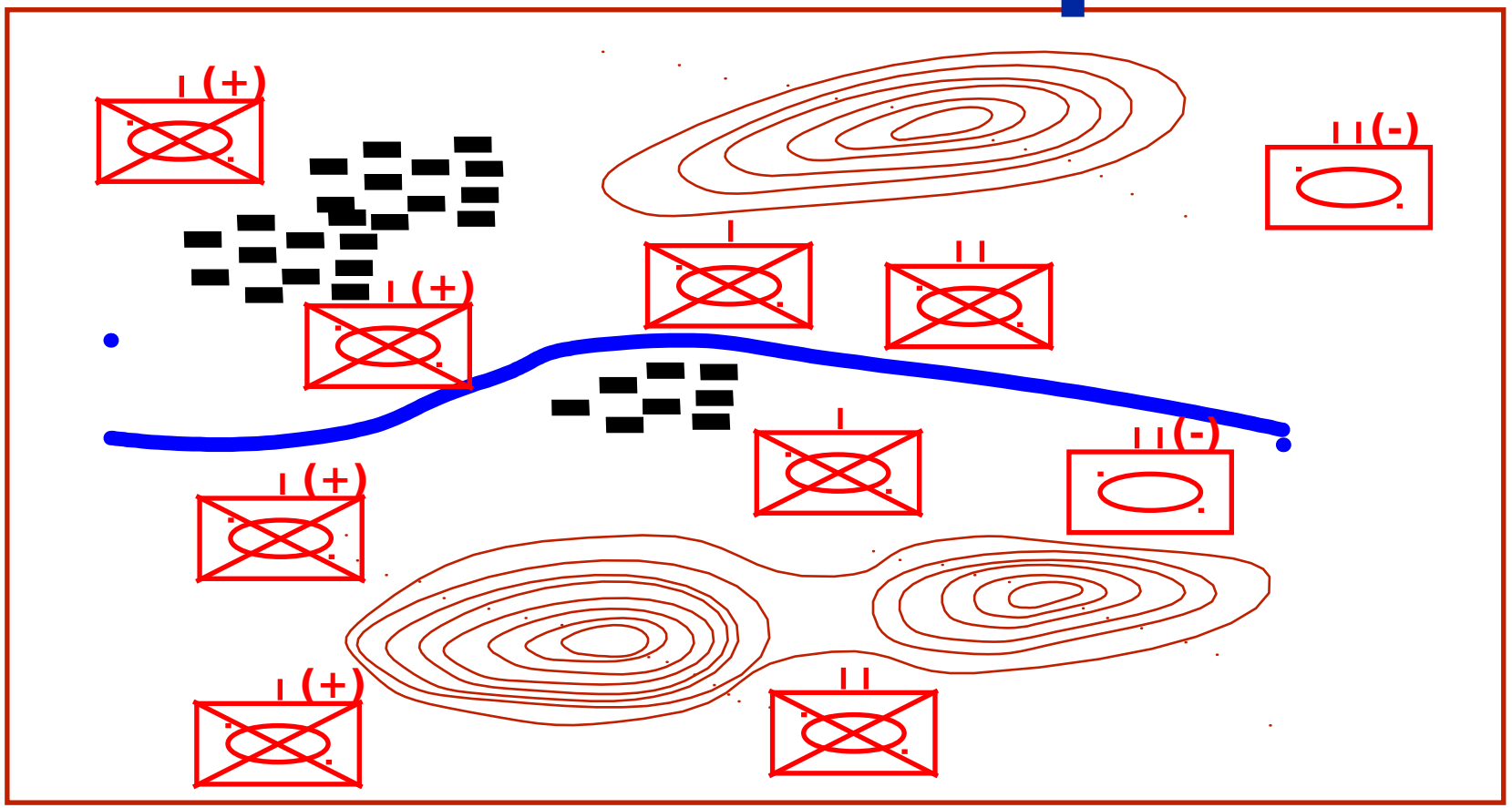
* Use preferred tactics and doctrine

* Are all HVTs/key assets depicted?

* Is main effort reflected?



Situation Template

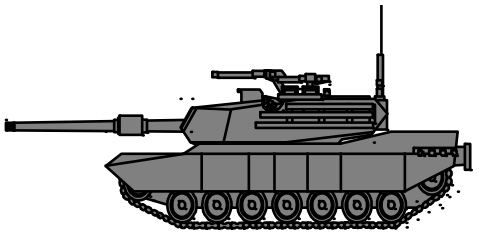


Event Template

*Depicts locations where critical events and activities are expected to occur and where critical targets will appear.

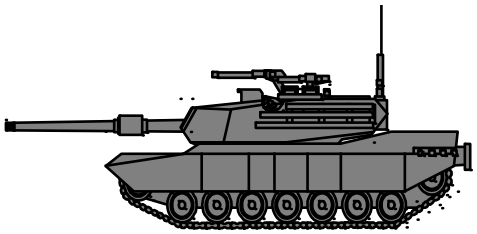
*Consists of Time Phase Lines (TPLs) and Named Areas of Interest (NAIs).

*One Event Template covers all Enemy COAs



Named Area of Interest

- Geographical area where information that will satisfy a specific information requirement can be collected
- Point or area, generally along an AA or MC, where activity (or lack thereof) will confirm or deny a particular COA
- Should be linked to a **PIR**
- Point and Area NAIs (most



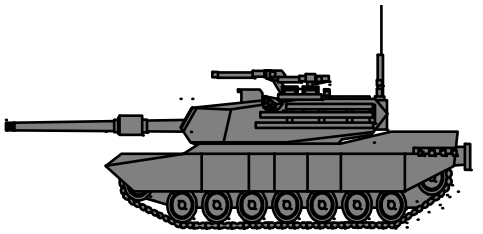
Time Phase Lines (TPL)

*Lines that provide a graphic means of comparing the enemy's mobility along avenues of approach.

*Adjusted for terrain and actual combat movement.

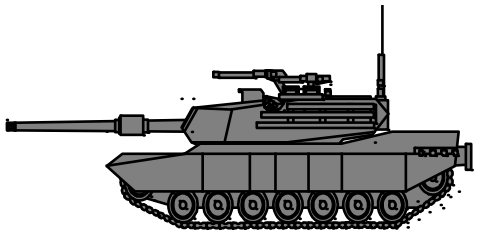
*Assist in tracking the enemy and directing collection assets.

*Based on doctrinal rates of movement.

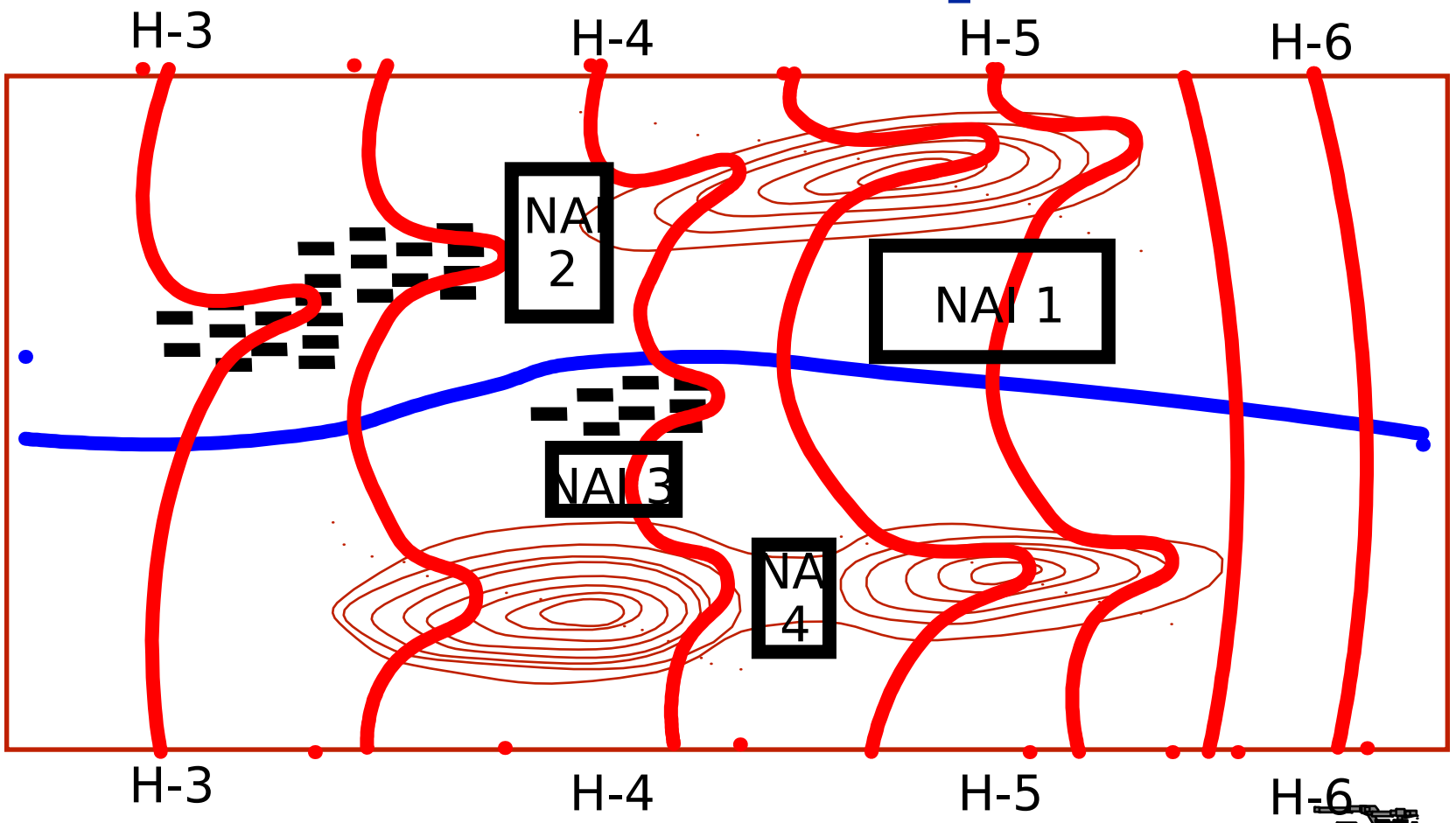


Rates of Advance

SITUATION:	KM PER HOUR:
Unopposed	20 - 30 ideal conds.
	5 -10 wx/tn restricts
Covering Force Area	6
Main Battle Area	2
Rear Area	5



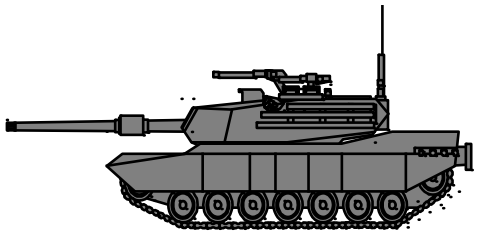
Event Template



Event Matrix

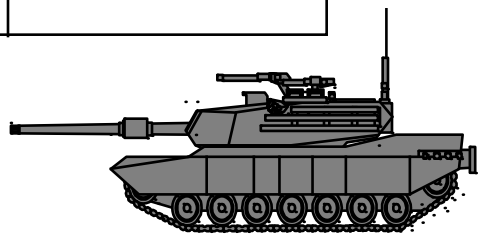
* Enables the S2 to more precisely correlate what event or activity is expected within a geographical location and what time the event is expected to take place.

* Building block for the collection plan



Event Matrix

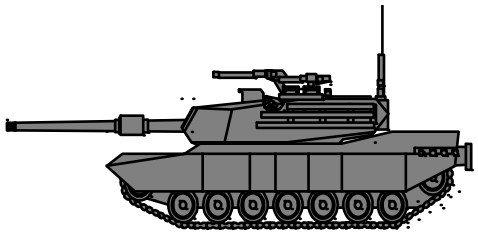
NAI	Event	NET Time	NLT Time	Indicates COA
1	Recon Platoon	H-4	H-2	CO
2	MIC	H-2	H-1	COA
2	Tank Co	H-2	H-1	COA
3	122 How. Btry.	H hour	H+2	CO
4	Tank Bn	H+2	H+3.5	CO



Step 4: Determine Threat COAs

Desired End Effect

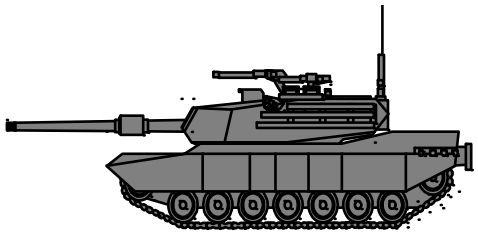
- Identify COAs the threat CDR is considering (Enemy COA development is next!)
- Identify areas that will discern which COA the threat CDR has chosen



Step 4: Determine Threat COAs

Products Produced

- Situation templates
- Event template
- Event matrix

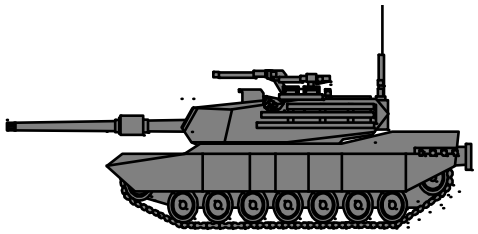


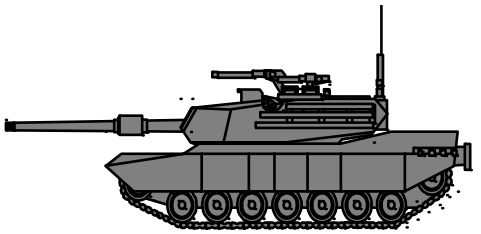
Highlights

* IPB is a **CONTINUOUS** process

* Supports the intelligence portion of the mission analysis brief

* IPB drives staff planning



Questions

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